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**ABSTRACT** 

self-contained portable unit for heating physiological ids is disclosed. A heat exchanger is disposable to ure sterility, and the heat exchanger is attached to a ting system by inserting it between opposed fluid mection elements. One of the fluid connection eleents is movable to permit the heat exchanger to be talled and removed easily by inserting one end of the at exchanger in one of the fluid connection units and ving the other fluid connection unit into contact th an opposite end of the heat exchanger. The heating fluid is heated by an electric heating element and is circulated by an electric pump.

19 Claims, 5 Drawing Sheets